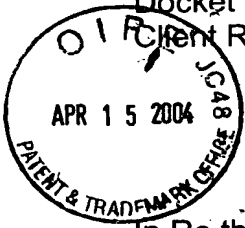


2652

Docket Number: 008312-0281351
Client Reference: T4TY-01S0006-1

PATENT APPLICATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

MINORU YONEZAWA, et al.

Group Art Unit: 2652

Application No.: 09/873,408

Examiner:

Filed: June 5, 2001

Confirmation No.:

For: OPTICAL DISK APPARATUS AND METHOD OF ADJUSTING THE SAME

INFORMATION DISCLOSURE STATEMENT

RECEIVED

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

APR 16 2004

Technology Center 2600

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the reference(s) has been considered, per MPEP § 609.

This Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

The references were cited in a international search report in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

Docket Number: 008312-0281351
Client Reference: T4TY-01S0006-1

A concise explanation of the relevance of the non-English language references appears in the Appendix attached hereto. An English-language Abstract of the non-English language reference is attached hereto.

Respectfully Submitted,

Jeffrey D. Karceski
Registration Number 35914
Customer Number: 00909

A handwritten signature in black ink, appearing to read 'G. T. Barrett', with a long horizontal stroke extending to the right.

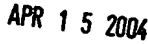
Glenn T. Barrett
Registration Number 38705
Customer Number: 00909

Date: April 15, 2004
PILLSBURY WINTHROP LLP
Telephone: (703) 905-2000
Facsimile: (703) 905-2500
P.O. Box 10500
McLean, VA 22102

APPENDIX

Concise Explanation

WO 98/16924: describes a method which serves to control the focusing of a light beam, aimed at a rotating recording medium (25) for reading data, of a scanner (15, 20) onto the recording medium (25) and the guidance of the light beam along the data tracks of the recording medium (25), each by means of a respective control circuit. The scanner (15, 20) and the recording medium (25) are mounted on a fundamental substrate (10) in at least one housing (1), and the at least one housing (1), together with the fundamental substrate (10), the scanner (15, 20) and the recording medium (25), forms a coupled mechanical oscillator, which is vibrated as a function of a vibration spectrum (75); the scanner (15, 20) is accelerated by the vibration and a relative motion of the recording medium (25) with respect to the scanner (15, 20) is effected, and the amplitudes of the relative motion and the accelerations have a frequency response. The masses, spring constants and damping values of the scanner (15, 20), the recording medium (25), the fundamental substrate (10), and the at least one housing (1) are selected such that the frequencies at which the amplitudes of the relative motion of the recording medium (25) relative to the scanner (15, 20) and the accelerations acting on the scanner (15, 20) are maximal are located in a frequency band of the respective control circuit in which an amplification is performed, and the maximum values of the amplitudes in that frequency band do not exceed a predetermined value



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

(Use as many sheets as necessary)

1

of

09/873,408

06/05/2001

MINORU YONEZAWA

2652

008312-0281351

Technology Center 2600

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.